

United States Environmental Protection
Agency Washington, D.C. 20460

OMB Approval 2070-174

DATA CALL-IN RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address VALUE GARDENS SUPPLY, LLC PO Box 585 SAINT JOSEPH, MO 64502		2. Case # and Name 0642 Maneb Chemical # and Name 014505 Maneb		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117	
4. EPA Product Registration	5. I wish to cancel this product regis- tration volun- tarily	6. Generic Data		7. Product Specific Data	
		6a. I am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA regis- tration number listed below.	6b. I agree to satisfy Generic Data requirements as indicated on the attached form entitled "Requirements Status and Registrant's Response."	7a. My product is an MUP and I agree to satisfy the MUP requirements on the attached form entitled "Requirements Status and Registrant's Response."	7b. My product is an EUP and I agree to satisfy the EUP requirements on the attached form entitled "Requirements Status and Registrant's Response."
70-291		N.A.	N.A.		
8. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law. Signature and Title of Company's Authorized Representative _____				9. Date	
10. Name of Company				11. Phone Number	

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1. Company Name and Address E. I. DU PONT DE NEMOURS AND COMPANY (S300 1007 MARKET STREET WILMINGTON, DE 198980001		2. Case # and Name 0642 Maneb Chemical # and Name 014505 Maneb		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117	
4. EPA Product Registration	5. I wish to cancel this product regis- tration volun- tarily	6. Generic Data		7. Product Specific Data	
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352-655 ME940008		N.A. N.A.	N.A. N.A.		
8. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law. Signature and Title of Company's Authorized Representative _____				9. Date	
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1. Company Name and Address AGSCO INC PO Box 13458 GRAND FORKS, ND 582083458		2. Case # and Name 0642 Maneb Chemical # and Name 014505 Maneb		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117	
4. EPA Product Registration	5. I wish to cancel this product regis- tration volun- tarily	6. Generic Data		7. Product Specific Data	
		6a. I am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA regis- tration number listed below.	6b. I agree to satisfy Generic Data requirements as indicated on the attached form entitled "Requirements Status and Registrant's Response."	7a. My product is an MUP and I agree to satisfy the MUP requirements on the attached form entitled "Requirements Status and Registrant's Response."	7b. My product is an EUP and I agree to satisfy the EUP requirements on the attached form entitled "Requirements Status and Registrant's Response."
554-140 554-141 554-149		N.A. N.A. N.A.	N.A. N.A. N.A.		
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1. Company Name and Address PBI/GORDON CORP 1217 WEST 12TH STREET KANSAS CITY, MO 641010090		2. Case # and Name 0642 Maneb Chemical # and Name 014505 Maneb		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117	
4. EPA Product Registration	5. I wish to cancel this product regis- tration volun- tarily	6. Generic Data		7. Product Specific Data	
		6a. I am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA regis- tration number listed below.	6b. I agree to satisfy Generic Data requirements as indicated on the attached form entitled "Requirements Status and Registrant's Response."	7a. My product is an MUP and I agree to satisfy the MUP requirements on the attached form entitled "Requirements Status and Registrant's Response."	7b. My product is an EUP and I agree to satisfy the EUP requirements on the attached form entitled "Requirements Status and Registrant's Response."
2217-546		N.A.	N.A.		
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INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form. Use additional sheet(s) if necessary.					
1. Company Name and Address CEREXAGRI, INC. 630 FREEDOM BUSINESS CENTER, SUITE 402 KING OF PRUSSIA, PA 19406		2. Case # and Name 0642 Maneb Chemical # and Name 014505 Maneb		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117	
4. EPA Product Registration	5. I wish to cancel this product registration voluntarily	6. Generic Data		7. Product Specific Data	
		6a. I am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA registration number listed below.	6b. I agree to satisfy Generic Data requirements as indicated on the attached form entitled "Requirements Status and Registrant's Response."	7a. My product is an MUP and I agree to satisfy the MUP requirements on the attached form entitled "Requirements Status and Registrant's Response."	7b. My product is an EUP and I agree to satisfy the EUP requirements on the attached form entitled "Requirements Status and Registrant's Response."
4581-255		N.A.	N.A.		
4581-355		N.A.	N.A.		
4581-359		N.A.	N.A.		
4581-371		N.A.	N.A.		
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4. EPA Product Registration	5. I wish to cancel this product regis- tration volun- tarily	6. Generic Data		7. Product Specific Data	
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5887-154		N.A.	N.A.		
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1. Company Name and Address VOLUNTARY PURCHASING GROUPS, INC. 6860 N. DALLAS PKWY., SUITE 200 PLANO, TX 75024		2. Case # and Name 0642 Maneb Chemical # and Name 014505 Maneb		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117	
4. EPA Product Registration	5. I wish to cancel this product regis- tration volun- tarily	6. Generic Data		7. Product Specific Data	
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7401-303		N.A.	N.A.		
8. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law. Signature and Title of Company's Authorized Representative _____				9. Date	
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1. Company Name and Address DREXEL CHEMICAL COMPANY 1700 CHANNEL AVENUE MEMPHIS, TN 381130327		2. Case # and Name 0642 Maneb Chemical # and Name 014505 Maneb		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117	
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19713-377		N.A.	N.A.		
19713-378		N.A.	N.A.		
19713-379		N.A.	N.A.		
19713-380		N.A.	N.A.		
19713-381		N.A.	N.A.		
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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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1. Company Name and Address VALUE GARDENS SUPPLY, LLC PO Box 585 SAINT JOSEPH, MO 64502		2. Case # and Name 0642 Maneb EPA Reg. No. 70-291			3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117				
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
	Product Chemistry Data Requirements (Conventional Chemical)								
830.1550	Product Identity and composition (7)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1600	Description of materials used to produce the product (9)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1620	Description of production process (20)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1650	Description of formulation process (21)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.1670	Discussion of formation of impurities (22)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1700	Preliminary analysis (23 ,24 ,25)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1750	Certified limits (28 ,29)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1800	Enforcement analytical method (31)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6302	Color (3)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6303	Physical state (6)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6304	Odor (8)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
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			1	2	3				
830.6313	Stability to normal and elevated temperatures, metals, and metal ions (33 ,34)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.6314	Oxidizing or reducing action (36)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6315	Flammability (39)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6316	Explosability (44)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6317	Storage stability (1)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6319	Miscibility (2)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6320	Corrosion characteristics (4)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6321	Dielectric breakdown voltage (5)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7000	pH (10 ,11)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7050	UV/Visible absorption	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7100	Viscosity (12)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7200	Melting point/melting range (13 ,14)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).								Date	

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			1	2	3				
830.7220	Boiling point/boiling range (15 ,16)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.7300	Density/relative density (17 ,18)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7370	Dissociation constants in water (26 ,27)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method (30)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography (32)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7840	Water solubility: Column elution method, shake flask method (19)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7860	Water solubility, generator column method (35)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7950	Vapor pressure (37 ,38)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
<u>Toxicology Data Requirements (Conventional Chemical)</u>									
870.1100	Acute Oral Toxicity (43)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity (40 ,41)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity (42)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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			1	2	3				
870.2400	Acute eye irritation (45)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2500	Acute dermal irritation (46, 47)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2600	Skin sensitization (48, 49)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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			1	2	3				
	Product Chemistry Data Requirements (Conventional Chemical)								
830.1550	Product Identity and composition (7)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1600	Description of materials used to produce the product (9)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1620	Description of production process (20)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1650	Description of formulation process (21)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.1670	Discussion of formation of impurities (22)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1700	Preliminary analysis (23 ,24 ,25)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1750	Certified limits (28 ,29)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1800	Enforcement analytical method (31)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6302	Color (3)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6303	Physical state (6)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6304	Odor (8)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
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			1	2	3				
830.6313	Stability to normal and elevated temperatures, metals, and metal ions (33 ,34)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.6314	Oxidizing or reducing action (36)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6315	Flammability (39)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6316	Explodability (44)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6317	Storage stability (1)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6319	Miscibility (2)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6320	Corrosion characteristics (4)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6321	Dielectric breakdown voltage (5)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7000	pH (10 ,11)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7050	UV/Visible absorption	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7100	Viscosity (12)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7200	Melting point/melting range (13 ,14)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).								Date	

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Agency Washington, D.C. 20460

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address VALUE GARDENS SUPPLY, LLC PO Box 585 SAINT JOSEPH, MO 64502		2. Case # and Name 0642 Maneb EPA Reg. No. 70-291		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117					
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.7220	Boiling point/boiling range (15 ,16)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.7300	Density/relative density (17 ,18)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7370	Dissociation constants in water (26 ,27)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method (30)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography (32)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7840	Water solubility: Column elution method, shake flask method (19)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7860	Water solubility, generator column method (35)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7950	Vapor pressure (37 ,38)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
Toxicology Data Requirements (Conventional Chemical)									
870.1100	Acute Oral Toxicity (43)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity (40 ,41)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity (42)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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1. Company Name and Address VALUE GARDENS SUPPLY, LLC PO Box 585 SAINT JOSEPH, MO 64502		2. Case # and Name 0642 Maneb EPA Reg. No. 70-291			3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117				
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
870.2400	Acute eye irritation (45)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2500	Acute dermal irritation (46 ,47)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2600	Skin sensitization (48 ,49)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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Agency Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
B - Terrestrial feed crop	E - Aquatic nonfood outdoor use	H - Greenhouse food crop	K - Residential	N - Indoor medical use
C - Terrestrial nonfood crop	F - Aquatic nonfood industrial use	I - Greenhouse nonfood crop	L - Indoor food use	O - Residential Indoor use

Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 1 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IRED) Documents."
- 2 Required if the product is an emulsifiable liquid and is to be diluted with petroleum solvents.
- 3 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 4 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IRED) Documents."
- 5 Required if the end-use product is a liquid and is to be used around electrical equipment.
- 6 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 7 Data must be provided in accordance with the "Product Composition" Section.(158.155)
- 8 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 9 Data must be provided in accordance with the "Description of Materials used to Produce the Product" Section.(158.160)
- 10 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 11 Required if the product is dispersible with water.
- 12 Required if the product is a liquid.
- 13 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 14 Required when the TGAI is solid at room temperature.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
B - Terrestrial feed crop	E - Aquatic nonfood outdoor use	H - Greenhouse food crop	K - Residential	N - Indoor medical use
C - Terrestrial nonfood crop	F - Aquatic nonfood industrial use	I - Greenhouse nonfood crop	L - Indoor food use	O - Residential Indoor use

Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 15 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 16 Required if the TGAI is liquid at room temperature.
- 17 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 18 True density or specific density are required for all test substances. Data on bulk density is required for MPs that are solid at room temperature.
- 19 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 20 Data must be provided in accordance with the "Description of Production Process" Section.(158.162)
- 21 Data must be provided in accordance with the "Description of Formulation Process" Section.(158.165)
- 22 Data must be provided in accordance with the "Description of Formation of Impurities" Section(158.167)
- 23 Data must be provided in accordance with the "Preliminary Analysis" Section.(158.170)
- 24 Required for TGAIs and products produced by an integrated system.
- 25 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 26 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 27 Required when the test substance contains an acid or base functionality (organic or inorganic) or an alcoholic functionality (organic).
- 28 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 29 Data must be provided in accordance with the "Certified Limits" Section(158.175)
- 30 Required if the TGAI or PAI is organic and non-polar.
- 31 Data must be provided in accordance with the "Enforcement Analytical Method" Section.(158.180)
- 32 Required if the TGAI or PAI is organic and non-polar.
- 33 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 34 Data on the stability to metals and metal ions is required only if the active ingredient is expected to come in contact with either material during storage.
- 35 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 36 Required if the product contains an oxidizing or reducing agent
- 37 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 38 Not required for salts.
- 39 Required when the product contains combustible liquids.
- 40 Not required if test material is a gas or a highly volatile liquid.
- 41 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 42 Required if the product consists of, or under conditions of use will result in, a respirable material (e.g., gas, vapor, aerosol, or particulate).
- 43 Not required if test material is a gas or a highly volatile liquid.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

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C - Terrestrial nonfood crop	F - Aquatic nonfood industrial use	I - Greenhouse nonfood crop	L - Indoor food use	O - Residential Indoor use

Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 44 Required when the product is potentially explosive.
- 45 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 46 Not required if test material is a gas or a highly volatile liquid.
- 47 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 48 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 49 Required if repeated dermal exposure is likely to occur under conditions of use.

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address E. I. DU PONT DE NEMOURS AND COMPANY (S300, 1007 MARKET STREET WILMINGTON, DE 198980001		2. Case # and Name 0642 Maneb EPA Reg. No. ME940008		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117					
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
	<u>Product Chemistry Data Requirements (Conventional Chemical)</u>								
830.1550	Product Identity and composition (7)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1600	Description of materials used to produce the product (9)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1620	Description of production process (20)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1650	Description of formulation process (21)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.1670	Discussion of formation of impurities (22)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1700	Preliminary analysis (23, 24, 25)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1750	Certified limits (28, 29)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1800	Enforcement analytical method (31)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6302	Color (3)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6303	Physical state (6)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6304	Odor (8)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
10. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law Signature and Title of Company's Authorized Representative _____							11. Date		
12. Name of Company							13. Phone Number		

United States Environmental Protection
Agency Washington, D.C. 20460

OMB Approval 2070-174

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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1. Company Name and Address E. I. DU PONT DE NEMOURS AND COMPANY (S300, 1007 MARKET STREET WILMINGTON, DE 198980001		2. Case # and Name 0642 Maneb EPA Reg. No. ME940008		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117					
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.6313	Stability to normal and elevated temperatures, metals, and metal ions (33 ,34)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.6314	Oxidizing or reducing action (36)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6315	Flammability (39)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6316	Explosibility (44)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6317	Storage stability (1)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6319	Miscibility (2)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6320	Corrosion characteristics (4)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6321	Dielectric breakdown voltage (5)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7000	pH (10 ,11)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7050	UV/Visible absorption	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7100	Viscosity (12)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7200	Melting point/melting range (13 ,14)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).							Date		

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.7220	Boiling point/boiling range (15 ,16)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.7300	Density/relative density (17 ,18)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7370	Dissociation constants in water (26 ,27)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method (30)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography (32)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7840	Water solubility: Column elution method, shake flask method (19)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7860	Water solubility, generator column method (35)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7950	Vapor pressure (37 ,38)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
Toxicology Data Requirements (Conventional Chemical)									
870.1100	Acute Oral Toxicity (43)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity (40 ,41)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity (42)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).							Date		

United States Environmental Protection
Agency Washington, D.C. 20460

OMB Approval 2070-174

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address E. I. DU PONT DE NEMOURS AND COMPANY (S300, 1007 MARKET STREET WILMINGTON, DE 198980001		2. Case # and Name 0642 Maneb EPA Reg. No. ME940008			3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117				
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
870.2400	Acute eye irritation (45)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2500	Acute dermal irritation (46 ,47)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2600	Skin sensitization (48 ,49)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).							Date		

United States Environmental Protection
Agency Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
B - Terrestrial feed crop	E - Aquatic nonfood outdoor use	H - Greenhouse food crop	K - Residential	N - Indoor medical use
C - Terrestrial nonfood crop	F - Aquatic nonfood industrial use	I - Greenhouse nonfood crop	L - Indoor food use	O - Residential Indoor use

Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 1 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IRED) Documents."
- 2 Required if the product is an emulsifiable liquid and is to be diluted with petroleum solvents.
- 3 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 4 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IRED) Documents."
- 5 Required if the end-use product is a liquid and is to be used around electrical equipment.
- 6 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 7 Data must be provided in accordance with the "Product Composition" Section.(158.155)
- 8 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 9 Data must be provided in accordance with the "Description of Materials used to Produce the Product" Section.(158.160)
- 10 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 11 Required if the product is dispersible with water.
- 12 Required if the product is a liquid.
- 13 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 14 Required when the TGAI is solid at room temperature.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

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DCI Number: PDCI-014505-26117

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 15 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 16 Required if the TGAI is liquid at room temperature.
- 17 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 18 True density or specific density are required for all test substances. Data on bulk density is required for MPs that are solid at room temperature.
- 19 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 20 Data must be provided in accordance with the "Description of Production Process" Section.(158.162)
- 21 Data must be provided in accordance with the "Description of Formulation Process" Section.(158.165)
- 22 Data must be provided in accordance with the "Description of Formation of Impurities" Section(158.167)
- 23 Data must be provided in accordance with the "Preliminary Analysis" Section.(158.170)
- 24 Required for TGAI's and products produced by an integrated system.
- 25 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 26 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 27 Required when the test substance contains an acid or base functionality (organic or inorganic) or an alcoholic functionality (organic).
- 28 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAi & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAi = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAi or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAi = Technical Grade Active Ingredient [TGAi]; TGAi,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAi/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 29 Data must be provided in accordance with the "Certified Limits" Section.(158.175)
- 30 Required if the TGAi or PAI is organic and non-polar.
- 31 Data must be provided in accordance with the "Enforcement Analytical Method" Section.(158.180)
- 32 Required if the TGAi or PAI is organic and non-polar.
- 33 If the TGAi cannot be isolated, data are required on the practical equivalent of the TGAi (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 34 Data on the stability to metals and metal ions is required only if the active ingredient is expected to come in contact with either material during storage.
- 35 If the TGAi cannot be isolated, data are required on the practical equivalent of the TGAi (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 36 Required if the product contains an oxidizing or reducing agent
- 37 If the TGAi cannot be isolated, data are required on the practical equivalent of the TGAi (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 38 Not required for salts.
- 39 Required when the product contains combustible liquids.
- 40 Not required if test material is a gas or a highly volatile liquid.
- 41 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 42 Required if the product consists of, or under conditions of use will result in, a respirable material (e.g., gas, vapor, aerosol, or particulate).
- 43 Not required if test material is a gas or a highly volatile liquid.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 44 Required when the product is potentially explosive.
- 45 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 46 Not required if test material is a gas or a highly volatile liquid.
- 47 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 48 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 49 Required if repeated dermal exposure is likely to occur under conditions of use.

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address E. I. DU PONT DE NEMOURS AND COMPANY (S300, 1007 MARKET STREET WILMINGTON, DE 198980001		2. Case # and Name 0642 Maneb EPA Reg. No. 352-655			3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117				
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
	Product Chemistry Data Requirements (Conventional Chemical)								
830.1550	Product Identity and composition (7)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1600	Description of materials used to produce the product (9)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1620	Description of production process (20)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1650	Description of formulation process (21)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.1670	Discussion of formation of impurities (22)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1700	Preliminary analysis (23 ,24 ,25)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1750	Certified limits (28 ,29)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1800	Enforcement analytical method (31)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6302	Color (3)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6303	Physical state (6)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6304	Odor (8)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
10. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law Signature and Title of Company's Authorized Representative _____							11. Date		
12. Name of Company							13. Phone Number		

United States Environmental Protection
Agency Washington, D.C. 20460

OMB Approval 2070-174

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.6313	Stability to normal and elevated temperatures, metals, and metal ions (33 ,34)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.6314	Oxidizing or reducing action (36)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6315	Flammability (39)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6316	Explosability (44)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6317	Storage stability (1)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6319	Miscibility (2)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6320	Corrosion characteristics (4)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6321	Dielectric breakdown voltage (5)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7000	pH (10 ,11)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7050	UV/Visible absorption	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7100	Viscosity (12)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7200	Melting point/melting range (13 ,14)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).								Date	

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.7220	Boiling point/boiling range (15 ,16)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.7300	Density/relative density (17 ,18)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7370	Dissociation constants in water (26 ,27)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method (30)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography (32)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7840	Water solubility: Column elution method, shake flask method (19)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7860	Water solubility, generator column method (35)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7950	Vapor pressure (37 ,38)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
<u>Toxicology Data Requirements (Conventional Chemical)</u>									
870.1100	Acute Oral Toxicity (43)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity (40 ,41)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity (42)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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			1	2	3				
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870.2500	Acute dermal irritation (46 ,47)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2600	Skin sensitization (48 ,49)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

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- 6 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 7 Data must be provided in accordance with the "Product Composition" Section.(158.155)
- 8 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 9 Data must be provided in accordance with the "Description of Materials used to Produce the Product" Section.(158.160)
- 10 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 11 Required if the product is dispersible with water.
- 12 Required if the product is a liquid.
- 13 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 14 Required when the TGAI is solid at room temperature.

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Agency Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
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C - Terrestrial nonfood crop	F - Aquatic nonfood industrial use	I - Greenhouse nonfood crop	L - Indoor food use	O - Residential Indoor use

Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 15 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 16 Required if the TGAI is liquid at room temperature.
- 17 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 18 True density or specific density are required for all test substances. Data on bulk density is required for MPs that are solid at room temperature.
- 19 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 20 Data must be provided in accordance with the "Description of Production Process" Section.(158.162)
- 21 Data must be provided in accordance with the "Description of Formulation Process" Section.(158.165)
- 22 Data must be provided in accordance with the "Description of Formation of Impurities" Section(158.167)
- 23 Data must be provided in accordance with the "Preliminary Analysis" Section.(158.170)
- 24 Required for TGAI's and products produced by an integrated system.
- 25 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 26 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 27 Required when the test substance contains an acid or base functionality (organic or inorganic) or an alcoholic functionality (organic).
- 28 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 29 Data must be provided in accordance with the "Certified Limits" Section(158.175)
- 30 Required if the TGAI or PAI is organic and non-polar.
- 31 Data must be provided in accordance with the "Enforcement Analytical Method" Section.(158.180)
- 32 Required if the TGAI or PAI is organic and non-polar.
- 33 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 34 Data on the stability to metals and metal ions is required only if the active ingredient is expected to come in contact with either material during storage.
- 35 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 36 Required if the product contains an oxidizing or reducing agent
- 37 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 38 Not required for salts.
- 39 Required when the product contains combustible liquids.
- 40 Not required if test material is a gas or a highly volatile liquid.
- 41 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 42 Required if the product consists of, or under conditions of use will result in, a respirable material (e.g., gas, vapor, aerosol, or particulate).
- 43 Not required if test material is a gas or a highly volatile liquid.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 44 Required when the product is potentially explosive.
- 45 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 46 Not required if test material is a gas or a highly volatile liquid.
- 47 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 48 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 49 Required if repeated dermal exposure is likely to occur under conditions of use.

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address AGSCO INC PO Box 13458 GRAND FORKS, ND 582083458		2. Case # and Name 0642 Maneb EPA Reg. No. 554-140			3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117				
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
	Product Chemistry Data Requirements (Conventional Chemical)								
830.1550	Product Identity and composition (7)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1600	Description of materials used to produce the product (9)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1620	Description of production process (20)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1650	Description of formulation process (21)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.1670	Discussion of formation of impurities (22)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1700	Preliminary analysis (23 ,24 ,25)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1750	Certified limits (28 ,29)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1800	Enforcement analytical method (31)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6302	Color (3)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6303	Physical state (6)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6304	Odor (8)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
10. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law Signature and Title of Company's Authorized Representative_____							11. Date		
12. Name of Company							13. Phone Number		

United States Environmental Protection
Agency Washington, D.C. 20460

OMB Approval 2070-174

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.6313	Stability to normal and elevated temperatures, metals, and metal ions (33 ,34)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.6314	Oxidizing or reducing action (36)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6315	Flammability (39)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6316	Explosability (44)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6317	Storage stability (1)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6319	Miscibility (2)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6320	Corrosion characteristics (4)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6321	Dielectric breakdown voltage (5)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7000	pH (10 ,11)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7050	UV/Visible absorption	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7100	Viscosity (12)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7200	Melting point/melting range (13 ,14)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).								Date	

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OMB Approval 2070-174

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.7220	Boiling point/boiling range (15 ,16)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.7300	Density/relative density (17 ,18)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7370	Dissociation constants in water (26 ,27)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method (30)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography (32)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7840	Water solubility: Column elution method, shake flask method (19)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7860	Water solubility, generator column method (35)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7950	Vapor pressure (37 ,38)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
Toxicology Data Requirements (Conventional Chemical)									
870.1100	Acute Oral Toxicity (43)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity (40 ,41)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity (42)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).							Date		

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			1	2	3				
870.2400	Acute eye irritation (45)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2500	Acute dermal irritation (46,47)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2600	Skin sensitization (48,49)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 1 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IRED) Documents."
- 2 Required if the product is an emulsifiable liquid and is to be diluted with petroleum solvents.
- 3 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 4 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IRED) Documents."
- 5 Required if the end-use product is a liquid and is to be used around electrical equipment.
- 6 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 7 Data must be provided in accordance with the "Product Composition" Section.(158.155)
- 8 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 9 Data must be provided in accordance with the "Description of Materials used to Produce the Product" Section.(158.160)
- 10 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 11 Required if the product is dispersible with water.
- 12 Required if the product is a liquid.
- 13 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 14 Required when the TGAI is solid at room temperature.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 15 If the TGA I cannot be isolated, data are required on the practical equivalent of the TGA I (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 16 Required if the TGA I is liquid at room temperature.
- 17 If the TGA I cannot be isolated, data are required on the practical equivalent of the TGA I (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 18 True density or specific density are required for all test substances. Data on bulk density is required for MPs that are solid at room temperature.
- 19 If the TGA I cannot be isolated, data are required on the practical equivalent of the TGA I (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 20 Data must be provided in accordance with the "Description of Production Process" Section.(158.162)
- 21 Data must be provided in accordance with the "Description of Formulation Process" Section.(158.165)
- 22 Data must be provided in accordance with the "Description of Formation of Impurities" Section(158.167)
- 23 Data must be provided in accordance with the "Preliminary Analysis" Section.(158.170)
- 24 Required for TGA Is and products produced by an integrated system.
- 25 If the TGA I cannot be isolated, data are required on the practical equivalent of the TGA I (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 26 If the TGA I cannot be isolated, data are required on the practical equivalent of the TGA I (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 27 Required when the test substance contains an acid or base functionality (organic or inorganic) or an alcoholic functionality (organic).
- 28 If the TGA I cannot be isolated, data are required on the practical equivalent of the TGA I (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGA I & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGA I = Pure Active ingredient, Technical Grade of the Active Ingredient; TGA I or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGA I = Technical Grade Active Ingredient [TGA I]; TGA I, EP, dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGA I/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
B - Terrestrial feed crop	E - Aquatic nonfood outdoor use	H - Greenhouse food crop	K - Residential	N - Indoor medical use
C - Terrestrial nonfood crop	F - Aquatic nonfood industrial use	I - Greenhouse nonfood crop	L - Indoor food use	O - Residential Indoor use

Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 29 Data must be provided in accordance with the "Certified Limits" Section(158.175)
- 30 Required if the TGA I or PAI is organic and non-polar.
- 31 Data must be provided in accordance with the "Enforcement Analytical Method" Section.(158.180)
- 32 Required if the TGA I or PAI is organic and non-polar.
- 33 If the TGA I cannot be isolated, data are required on the practical equivalent of the TGA I (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 34 Data on the stability to metals and metal ions is required only if the active ingredient is expected to come in contact with either material during storage.
- 35 If the TGA I cannot be isolated, data are required on the practical equivalent of the TGA I (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 36 Required if the product contains an oxidizing or reducing agent
- 37 If the TGA I cannot be isolated, data are required on the practical equivalent of the TGA I (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 38 Not required for salts.
- 39 Required when the product contains combustible liquids.
- 40 Not required if test material is a gas or a highly volatile liquid.
- 41 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 42 Required if the product consists of, or under conditions of use will result in, a respirable material (e.g., gas, vapor, aerosol, or particulate).
- 43 Not required if test material is a gas or a highly volatile liquid.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 44 Required when the product is potentially explosive.
- 45 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 46 Not required if test material is a gas or a highly volatile liquid.
- 47 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 48 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 49 Required if repeated dermal exposure is likely to occur under conditions of use.

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OMB Approval 2070-174

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address AGSCO INC PO Box 13458 GRAND FORKS, ND 582083458		2. Case # and Name 0642 Maneb EPA Reg. No. 554-149			3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117				
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
	Product Chemistry Data Requirements (Conventional Chemical)								
830.1550	Product Identity and composition (7)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1600	Description of materials used to produce the product (9)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1620	Description of production process (20)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1650	Description of formulation process (21)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.1670	Discussion of formation of impurities (22)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1700	Preliminary analysis (23 ,24 ,25)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1750	Certified limits (28 ,29)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1800	Enforcement analytical method (31)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6302	Color (3)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6303	Physical state (6)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6304	Odor (8)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
10. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law Signature and Title of Company's Authorized Representative _____							11. Date		
12. Name of Company							13. Phone Number		

United States Environmental Protection
Agency Washington, D.C. 20460

OMB Approval 2070-174

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.6313	Stability to normal and elevated temperatures, metals, and metal ions (33 ,34)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.6314	Oxidizing or reducing action (36)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6315	Flammability (39)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6316	Explosibility (44)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6317	Storage stability (1)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6319	Miscibility (2)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6320	Corrosion characteristics (4)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6321	Dielectric breakdown voltage (5)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7000	pH (10 ,11)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7050	UV/Visible absorption	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7100	Viscosity (12)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7200	Melting point/melting range (13 ,14)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).								Date	

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.7220	Boiling point/boiling range (15 ,16)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.7300	Density/relative density (17 ,18)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7370	Dissociation constants in water (26 ,27)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method (30)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography (32)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7840	Water solubility: Column elution method, shake flask method (19)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7860	Water solubility, generator column method (35)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7950	Vapor pressure (37 ,38)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
	Toxicology Data Requirements (Conventional Chemical)								
870.1100	Acute Oral Toxicity (43)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity (40 ,41)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity (42)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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			1	2	3				
870.2400	Acute eye irritation (45)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2500	Acute dermal irritation (46,47)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2600	Skin sensitization (48,49)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
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C - Terrestrial nonfood crop	F - Aquatic nonfood industrial use	I - Greenhouse nonfood crop	L - Indoor food use	O - Residential Indoor use

Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 1 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IREDD) Documents."
- 2 Required if the product is an emulsifiable liquid and is to be diluted with petroleum solvents.
- 3 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 4 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IREDD) Documents."
- 5 Required if the end-use product is a liquid and is to be used around electrical equipment.
- 6 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 7 Data must be provided in accordance with the "Product Composition" Section.(158.155)
- 8 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 9 Data must be provided in accordance with the "Description of Materials used to Produce the Product" Section.(158.160)
- 10 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 11 Required if the product is dispersible with water.
- 12 Required if the product is a liquid.
- 13 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 14 Required when the TGAI is solid at room temperature.

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Agency Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 15 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 16 Required if the TGAI is liquid at room temperature.
- 17 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 18 True density or specific density are required for all test substances. Data on bulk density is required for MPs that are solid at room temperature.
- 19 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 20 Data must be provided in accordance with the "Description of Production Process" Section.(158.162)
- 21 Data must be provided in accordance with the "Description of Formulation Process" Section.(158.165)
- 22 Data must be provided in accordance with the "Description of Formation of Impurities" Section(158.167)
- 23 Data must be provided in accordance with the "Preliminary Analysis" Section.(158.170)
- 24 Required for TGAI's and products produced by an integrated system.
- 25 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 26 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 27 Required when the test substance contains an acid or base functionality (organic or inorganic) or an alcoholic functionality (organic).
- 28 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).

United States Environmental Protection
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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

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DCI Number: PDCI-014505-26117

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 29 Data must be provided in accordance with the "Certified Limits" Section(158.175)
- 30 Required if the TGAI or PAI is organic and non-polar.
- 31 Data must be provided in accordance with the "Enforcement Analytical Method" Section.(158.180)
- 32 Required if the TGAI or PAI is organic and non-polar.
- 33 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 34 Data on the stability to metals and metal ions is required only if the active ingredient is expected to come in contact with either material during storage.
- 35 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 36 Required if the product contains an oxidizing or reducing agent
- 37 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 38 Not required for salts.
- 39 Required when the product contains combustible liquids.
- 40 Not required if test material is a gas or a highly volatile liquid.
- 41 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 42 Required if the product consists of, or under conditions of use will result in, a respirable material (e.g., gas, vapor, aerosol, or particulate).
- 43 Not required if test material is a gas or a highly volatile liquid.

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Agency Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 44 Required when the product is potentially explosive.
- 45 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 46 Not required if test material is a gas or a highly volatile liquid.
- 47 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 48 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 49 Required if repeated dermal exposure is likely to occur under conditions of use.

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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1. Company Name and Address AGSCO INC PO Box 13458 GRAND FORKS, ND 582083458		2. Case # and Name 0642 Maneb EPA Reg. No. 554-141		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117					
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
	Product Chemistry Data Requirements (Conventional Chemical)								
830.1550	Product Identity and composition (7)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1600	Description of materials used to produce the product (9)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1620	Description of production process (20)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1650	Description of formulation process (21)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.1670	Discussion of formation of impurities (22)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1700	Preliminary analysis (23 ,24 ,25)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1750	Certified limits (28 ,29)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1800	Enforcement analytical method (31)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6302	Color (3)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6303	Physical state (6)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6304	Odor (8)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
10. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law Signature and Title of Company's Authorized Representative _____							11. Date		
12. Name of Company							13. Phone Number		

United States Environmental Protection
Agency Washington, D.C. 20460

OMB Approval 2070-174

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address AGSCO INC PO Box 13458 GRAND FORKS, ND 582083458		2. Case # and Name 0642 Maneb EPA Reg. No. 554-141		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117					
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.6313	Stability to normal and elevated temperatures, metals, and metal ions (33 ,34)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.6314	Oxidizing or reducing action (36)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6315	Flammability (39)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6316	Explodability (44)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6317	Storage stability (1)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6319	Miscibility (2)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6320	Corrosion characteristics (4)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6321	Dielectric breakdown voltage (5)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7000	pH (10 ,11)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7050	UV/Visible absorption	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7100	Viscosity (12)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7200	Melting point/melting range (13 ,14)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).							Date		

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.7220	Boiling point/boiling range (15 ,16)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.7300	Density/relative density (17 ,18)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7370	Dissociation constants in water (26 ,27)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method (30)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography (32)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7840	Water solubility: Column elution method, shake flask method (19)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7860	Water solubility, generator column method (35)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7950	Vapor pressure (37 ,38)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
<u>Toxicology Data Requirements (Conventional Chemical)</u>									
870.1100	Acute Oral Toxicity (43)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity (40 ,41)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity (42)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
870.2400	Acute eye irritation (45)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2500	Acute dermal irritation (46, 47)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2600	Skin sensitization (48, 49)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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United States Environmental Protection
Agency Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
B - Terrestrial feed crop	E - Aquatic nonfood outdoor use	H - Greenhouse food crop	K - Residential	N - Indoor medical use
C - Terrestrial nonfood crop	F - Aquatic nonfood industrial use	I - Greenhouse nonfood crop	L - Indoor food use	O - Residential Indoor use

Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 1 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IREDD) Documents."
- 2 Required if the product is an emulsifiable liquid and is to be diluted with petroleum solvents.
- 3 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 4 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IREDD) Documents."
- 5 Required if the end-use product is a liquid and is to be used around electrical equipment.
- 6 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 7 Data must be provided in accordance with the "Product Composition" Section.(158.155)
- 8 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 9 Data must be provided in accordance with the "Description of Materials used to Produce the Product" Section.(158.160)
- 10 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 11 Required if the product is dispersible with water.
- 12 Required if the product is a liquid.
- 13 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 14 Required when the TGAI is solid at room temperature.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 15 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 16 Required if the TGAI is liquid at room temperature.
- 17 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 18 True density or specific density are required for all test substances. Data on bulk density is required for MPs that are solid at room temperature.
- 19 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 20 Data must be provided in accordance with the "Description of Production Process" Section.(158.162)
- 21 Data must be provided in accordance with the "Description of Formulation Process" Section.(158.165)
- 22 Data must be provided in accordance with the "Description of Formation of Impurities" Section(158.167)
- 23 Data must be provided in accordance with the "Preliminary Analysis" Section.(158.170)
- 24 Required for TGAI's and products produced by an integrated system.
- 25 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 26 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 27 Required when the test substance contains an acid or base functionality (organic or inorganic) or an alcoholic functionality (organic).
- 28 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).

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Agency Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 29 Data must be provided in accordance with the "Certified Limits" Section(158.175)
- 30 Required if the TGAI or PAI is organic and non-polar.
- 31 Data must be provided in accordance with the "Enforcement Analytical Method" Section.(158.180)
- 32 Required if the TGAI or PAI is organic and non-polar.
- 33 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 34 Data on the stability to metals and metal ions is required only if the active ingredient is expected to come in contact with either material during storage.
- 35 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 36 Required if the product contains an oxidizing or reducing agent
- 37 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 38 Not required for salts.
- 39 Required when the product contains combustible liquids.
- 40 Not required if test material is a gas or a highly volatile liquid.
- 41 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 42 Required if the product consists of, or under conditions of use will result in, a respirable material (e.g., gas, vapor, aerosol, or particulate).
- 43 Not required if test material is a gas or a highly volatile liquid.

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Agency Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 44 Required when the product is potentially explosive.
- 45 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 46 Not required if test material is a gas or a highly volatile liquid.
- 47 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 48 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 49 Required if repeated dermal exposure is likely to occur under conditions of use.

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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Use additional sheet(s) if necessary.

1. Company Name and Address PBI/GORDON CORP 1217 WEST 12TH STREET KANSAS CITY, MO 641010090		2. Case # and Name 0642 Maneb EPA Reg. No. 2217-546			3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117				
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
	Product Chemistry Data Requirements (Conventional Chemical)								
830.1550	Product Identity and composition (7)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1600	Description of materials used to produce the product (9)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1620	Description of production process (20)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1650	Description of formulation process (21)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.1670	Discussion of formation of impurities (22)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1700	Preliminary analysis (23 ,24 ,25)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1750	Certified limits (28 ,29)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1800	Enforcement analytical method (31)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6302	Color (3)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6303	Physical state (6)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6304	Odor (8)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
10. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law Signature and Title of Company's Authorized Representative _____							11. Date		
12. Name of Company							13. Phone Number		

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.6313	Stability to normal and elevated temperatures, metals, and metal ions (33 ,34)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.6314	Oxidizing or reducing action (36)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6315	Flammability (39)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6316	Explodability (44)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6317	Storage stability (1)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6319	Miscibility (2)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6320	Corrosion characteristics (4)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6321	Dielectric breakdown voltage (5)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7000	pH (10 ,11)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7050	UV/Visible absorption	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7100	Viscosity (12)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7200	Melting point/melting range (13 ,14)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).							Date		

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address PBI/GORDON CORP 1217 WEST 12TH STREET KANSAS CITY, MO 641010090		2. Case # and Name 0642 Maneb EPA Reg. No. 2217-546		3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117					
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.7220	Boiling point/boiling range (15 ,16)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.7300	Density/relative density (17 ,18)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7370	Dissociation constants in water (26 ,27)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method (30)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography (32)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7840	Water solubility: Column elution method, shake flask method (19)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7860	Water solubility, generator column method (35)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7950	Vapor pressure (37 ,38)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
Toxicology Data Requirements (Conventional Chemical)									
870.1100	Acute Oral Toxicity (43)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity (40 ,41)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity (42)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
870.2400	Acute eye irritation (45)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2500	Acute dermal irritation (46 ,47)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2600	Skin sensitization (48 ,49)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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Agency Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
B - Terrestrial feed crop	E - Aquatic nonfood outdoor use	H - Greenhouse food crop	K - Residential	N - Indoor medical use
C - Terrestrial nonfood crop	F - Aquatic nonfood industrial use	I - Greenhouse nonfood crop	L - Indoor food use	O - Residential Indoor use

Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 1 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IREL) Documents."
- 2 Required if the product is an emulsifiable liquid and is to be diluted with petroleum solvents.
- 3 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 4 Please see attached "Additional Information and Requirements Pertaining to Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830.6320) Data Requirements of the Product Specific Data Call-Ins issued under the Reregistration Eligibility Decision (RED)/Interim Reregistration Eligibility Decision (IREL) Documents."
- 5 Required if the end-use product is a liquid and is to be used around electrical equipment.
- 6 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 7 Data must be provided in accordance with the "Product Composition" Section.(158.155)
- 8 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 9 Data must be provided in accordance with the "Description of Materials used to Produce the Product" Section.(158.160)
- 10 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 11 Required if the product is dispersible with water.
- 12 Required if the product is a liquid.
- 13 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 14 Required when the TGAI is solid at room temperature.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product; Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

A - Terrestrial food crop	D - Aquatic food crop	G - Aquatic non-food residential	J - Forestry use	M - Indoor nonfood use
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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 15 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 16 Required if the TGAI is liquid at room temperature.
- 17 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 18 True density or specific density are required for all test substances. Data on bulk density is required for MPs that are solid at room temperature.
- 19 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 20 Data must be provided in accordance with the "Description of Production Process" Section.(158.162)
- 21 Data must be provided in accordance with the "Description of Formulation Process" Section.(158.165)
- 22 Data must be provided in accordance with the "Description of Formation of Impurities" Section(158.167)
- 23 Data must be provided in accordance with the "Preliminary Analysis" Section.(158.170)
- 24 Required for TGAI's and products produced by an integrated system.
- 25 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 26 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 27 Required when the test substance contains an acid or base functionality (organic or inorganic) or an alcoholic functionality (organic).
- 28 If the TGAI cannot be isolated, data are required on the practical equivalent of the TGAI (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

DCI Number: PDCI-014505-26117

Key: TGAi & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAi = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAi or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAi = Technical Grade Active Ingredient [TGAi]; TGAi,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAi/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

Use Categories Key:

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 29 Data must be provided in accordance with the "Certified Limits" Section.(158.175)
- 30 Required if the TGAi or PAI is organic and non-polar.
- 31 Data must be provided in accordance with the "Enforcement Analytical Method" Section.(158.180)
- 32 Required if the TGAi or PAI is organic and non-polar.
- 33 If the TGAi cannot be isolated, data are required on the practical equivalent of the TGAi (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 34 Data on the stability to metals and metal ions is required only if the active ingredient is expected to come in contact with either material during storage.
- 35 If the TGAi cannot be isolated, data are required on the practical equivalent of the TGAi (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 36 Required if the product contains an oxidizing or reducing agent
- 37 If the TGAi cannot be isolated, data are required on the practical equivalent of the TGAi (i.e., if the active ingredient is either an acid, base or ionic form, and it is formulated into salts or esters, the concentration of the active ingredient in these products must be expressed in acid equivalent or active equivalent).
- 38 Not required for salts.
- 39 Required when the product contains combustible liquids.
- 40 Not required if test material is a gas or a highly volatile liquid.
- 41 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 42 Required if the product consists of, or under conditions of use will result in, a respirable material (e.g., gas, vapor, aerosol, or particulate).
- 43 Not required if test material is a gas or a highly volatile liquid.

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FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 0642 Maneb

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Key: TGAI & EP = Technical Grade of the Active Ingredient and End-Use Product; PAI; TGAI = Pure Active ingredient, Technical Grade of the Active Ingredient; TGAI or PAI = Technical Grade of the Active Ingredient or Pure Active Ingredient; EP; MP = End Use Product, Manufacturing Use Product; TGAI = Technical Grade Active Ingredient [TGAI]; TGAI,EP,dilute EP? = Technical Grade of the Active Ingredient, End Use Product, and possibly diluted End Use Product; TGAI/MP/EP = Manufacturing-Use Product, Pure Active Ingredient and Technical Grade Active Ingredient

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Footnotes: [The following notes are referenced in column two (5. Study File) of the REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE form.]

- 44 Required when the product is potentially explosive.
- 45 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 46 Not required if test material is a gas or a highly volatile liquid.
- 47 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 48 Not required if test material is corrosive to skin or has a pH of less than 2 or greater than 11.5.
- 49 Required if repeated dermal exposure is likely to occur under conditions of use.

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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Use additional sheet(s) if necessary.

1. Company Name and Address CEREXAGRI, INC. 630 FREEDOM BUSINESS CENTER, SUITE 402 KING OF PRUSSIA, PA 19406		2. Case # and Name 0642 Maneb EPA Reg. No. 4581-359			3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117				
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
	Product Chemistry Data Requirements (Conventional Chemical)								
830.1550	Product Identity and composition (7)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1600	Description of materials used to produce the product (9)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1620	Description of production process (20)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1650	Description of formulation process (21)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.1670	Discussion of formation of impurities (22)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1700	Preliminary analysis (23 ,24 ,25)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.1750	Certified limits (28 ,29)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.1800	Enforcement analytical method (31)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6302	Color (3)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6303	Physical state (6)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.6304	Odor (8)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
10. Certification I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law Signature and Title of Company's Authorized Representative_____								11. Date	
12. Name of Company								13. Phone Number	

United States Environmental Protection
Agency Washington, D.C. 20460

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.6313	Stability to normal and elevated temperatures, metals, and metal ions (33 ,34)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.6314	Oxidizing or reducing action (36)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6315	Flammability (39)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6316	Explosibility (44)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6317	Storage stability (1)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6319	Miscibility (2)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6320	Corrosion characteristics (4)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.6321	Dielectric breakdown voltage (5)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7000	pH (10 ,11)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7050	UV/Visible absorption	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7100	Viscosity (12)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	EP; MP	8	
830.7200	Melting point/melting range (13 ,14)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).								Date	

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4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
830.7220	Boiling point/boiling range (15 ,16)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI	8	
830.7300	Density/relative density (17 ,18)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI/MP/EP	8	
830.7370	Dissociation constants in water (26 ,27)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7550	Partition coefficient (n-octanol/water), shake flask method (30)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7570	Partition coefficient (n-octanol/water), estimation by liquid chromatography (32)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	PAI; TGAI	8	
830.7840	Water solubility: Column elution method, shake flask method (19)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7860	Water solubility, generator column method (35)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
830.7950	Vapor pressure (37 ,38)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI or PAI	8	
<u>Toxicology Data Requirements (Conventional Chemical)</u>									
870.1100	Acute Oral Toxicity (43)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1200	Acute dermal toxicity (40 ,41)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI,EP,dilute EP?	8	
870.1300	Acute inhalation toxicity (42)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
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INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form.
Use additional sheet(s) if necessary.

1. Company Name and Address CEREXAGRI, INC. 630 FREEDOM BUSINESS CENTER, SUITE 402 KING OF PRUSSIA, PA 19406		2. Case # and Name 0642 Maneb EPA Reg. No. 4581-359			3. Date and Type of DCI and Number 31-Jul-2007 PRODUCT SPECIFIC ID # PDCI-014505-26117				
4. Guideline Requirement Number	5. Study Title	P R O T O C O L	Progress Reports			6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
			1	2	3				
870.2400	Acute eye irritation (45)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2500	Acute dermal irritation (46, 47)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
870.2600	Skin sensitization (48, 49)	N				H, I, K, D, M, A, B, C, J, N, O, E, F, G, L	TGAI & EP	8	
Initial to indicate certification as to information on this page (full text of certification is on page one).									
								Date	

United States Environmental Protection
Agency Washington, D.C. 20460

LIST OF ALL REGISTRANTS SENT THIS DATA CALL-IN NOTICE

Case # and Name: 0642,Maneb

Co. Nr.	Company Name	Agent For	Address	City & State	Zip
4581	CEREXAGRI, INC.		630 FREEDOM BUSINESS CENTER, SUITE 402	KING OF PRUSSIA	PA 19406
70	VALUE GARDENS SUPPLY, LLC		PO Box 585	SAINT JOSEPH	MO 64502
554	AGSCO INC		PO Box 13458	GRAND FORKS	ND 582083458
352	E. I. DU PONT DE NEMOURS AND COMPANY (S300/419)		1007 MARKET STREET	WILMINGTON	DE 198980001
5887	VALUE GARDENS SUPPLY, LLC		PO Box 585	SAINT JOSEPH	MO 64502
7401	VOLUNTARY PURCHASING GROUPS, INC.	MANDAVA ASSOCIATES, LLC	6860 N. DALLAS PKWY., SUITE 200	PLANO	TX 75024
2217	PBI/GORDON CORP		PO Box 014090 1217 WEST 12TH STREET	KANSAS CITY	MO 641010090
19713	DREXEL CHEMICAL COMPANY		PO Box 13327 1700 CHANNEL AVENUE	MEMPHIS	TN 381130327